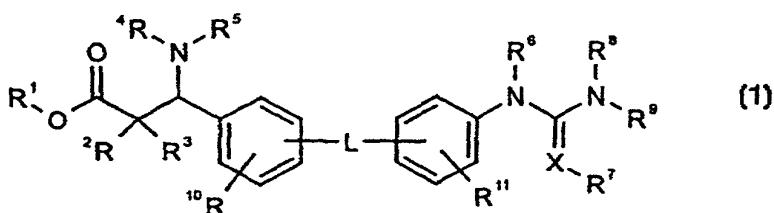




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(54) Title:  $\beta$ -PHENYLALANINE DERIVATIVES AS INTEGRIN ANTAGONISTS

## (57) Abstract

The present invention relates to compounds of general formula (1), wherein R<sup>4</sup> is -SO<sub>2</sub>R<sup>4'</sup>, -COOR<sup>4'</sup>, -COR<sup>4'</sup>, -CONR<sup>4'2</sup> or -CSNR<sup>4'2</sup>; R<sup>4'</sup> is hydrogen, a substituted or unsubstituted alkyl or cycloalkyl residue, a substituted or unsubstituted aryl residue or a saturated or unsaturated, optionally substituted heterocyclic residue; R<sup>4''</sup> is a substituted or unsubstituted alkyl or cycloalkyl residue, a substituted or unsubstituted aryl residue or a saturated or unsaturated, optionally substituted heterocyclic residue; L is a sulphonamide, amide, ether, ester, keto, urea, thioether, sulphoxide or sulphone unit optionally extended by one or two methylene groups; and X is N, O or S; and their physiologically acceptable salts and stereoisomers. The present invention furthermore relates to a process for the preparation of the compounds of formula (1), a pharmaceutical composition containing at least one of these compounds, and the use of compounds of formula (1) for the production of a pharmaceutical composition having integrin-antagonistic action and in particular for the inhibition of angiogenesis and/or for the therapy and prophylaxis of cancer, osteoporosis, arteriosclerosis, restenosis and ophthalmic disorders.

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